| FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449) Patent and Trademark Office |            |   |                 |  | Atty. Dkt. No.: 037003-0305940 |                                       |              |                |  |        |  |
|---|------------|---|-----------------|--|--------------------------------|---------------------------------------|--------------|----------------|--|--------|--|
|   |            |   |                 |  |                                | Applicant: THÖMMES 6                  | et al.       |                |  |        |  |
| SUPPLEMENTAL INFORMATION DISCLOSURE   |            |   |                 |  | Appln. No.: 10/661,086         |                                       |              |                | _  |        |  |
| STATE   | EMENT B    | Y APPLICANT   |                 |  |                                | Filing Date: September                | 12, 20       | 03             |  |        |  |
| Date: [   | December 2 | 28. 2006 Page   | 1 of            | <u> </u>                                     | ٦                              | Examiner: Ernest Ther                 | korn         | Group Art Uni  | t 1723   |        |  |
|   |            | CUMENTS   | <u> </u>        | <del></del>                                  | <del> </del>                   | 1 Examinor. Emost mer                 | KOIII .      | Oloup Ait Oll  | 1720   |        |  |
| Examiner's  | Document   |   | Date            | Name   | Name                           |                                       | Class        | Sub            | Filing   | Filing |  |
| Initials*   |            | Number  | MM/YYYY         | (Family Name of First Inventor)              |                                |                                       | Class        | Date           |  |        |  |
|   | AR         |   |                 | ( Livey                                      |                                |                                       |              |                |  | _      |  |
|   | BR         |   |                 | 1  |                                |                                       | <del> </del> |                |  |        |  |
|   | CR         |   |                 | +  |                                |                                       | +            |                |  |        |  |
|   | DR         |   | 1.              | <del> </del>                                 |                                |                                       | +            |                | <del>                                     </del> |        |  |
|   | ER         |   | +               | 1  |                                |                                       | +            |                | <del> </del>                                     |        |  |
| -   | FR         |   | +               | +  |                                |                                       | +            |                | <del></del>                                      | _      |  |
| FORE  |            | IT DOCUMENTS  | <u> </u>        | <u>.                                    </u> |                                |                                       | -1           |                | <u>l</u>   | _      |  |
| I OKLI  | I          | Document  | Date            | Country                                      | Inve                           | entor Name                            |              | English        | Translatio                                       | าก     |  |
|   |            | Number  | MM/YYYY         | Country                                      |                                | THE NAME                              |              | Abstract       | Readily<br>Available                             |        |  |
| EGT   | GR         | WO 01/37959 A1  | 05/2001         | PCT  | R. E                           | BLÜTTERS-SAWATZKI                     |              | yes            | no   | Γ      |  |
|   | HR         |   |                 |  |                                | -                                     |              |                |  | Γ      |  |
|   | IR         |   |                 |  |                                | ·                                     |              |                |  | Γ      |  |
|   | JR         |   |                 |  |                                |                                       |              |                |  | Γ      |  |
|   | KR         |   | 1               |  |                                |                                       |              |                |  | T      |  |
|   | LR         |   |                 |  |                                |                                       |              |                |  | T      |  |
| OTHER   |            |   | •               | _  |                                |                                       |              |                | <u>•</u>   | _      |  |
| EGT   | MR         | D.K. ROPER et al.,<br>Chromatography A,   |                 | of biomole                                   | ecule                          | s using adsorptive member             | anes"        | (1995) J.      |  |        |  |
| EGT   | NR         | Supplementary European Search Report, issued June 19, 2006, for European Patent Application No. 03754547.2, based on International Patent Application No. PCT/US03/28809. |                 |  |                                |                                       |              |                |  |        |  |
|   | OR         | 0010101112, 20000   | OH WHOMAD       | ilai i atori                                 |                                | Modulo (1 110: 1 0 170 0 0 0 7 2 1    |              |                |  | _      |  |
|   | PR         | -   | <del></del>     |  |                                |                                       |              |                |  | _      |  |
|   | QR         |   |                 |  |                                |                                       |              |                |  |        |  |
|   | RR         |   | ****            |  |                                |                                       |              |                |  | _      |  |
|   | SR         |   |                 |  |                                |                                       |              |                |  | _      |  |
|   | TR         | -   |                 |  |                                |                                       |              |                |  | _      |  |
|   | UR         |   |                 |  |                                |                                       |              |                |  | _      |  |
|   | VR         | -   |                 |  |                                |                                       |              |                |  | _      |  |
| -   | WR         | ·   | ·               |  |                                |                                       |              |                |  | _      |  |
| -   | XR         |   | <del></del>     |  |                                |                                       |              |                |  | _      |  |
|   | YR         |   | ·               |  |                                |                                       |              | <del></del>    |  | _      |  |
|   |            |   |                 |  |                                | · · · · · · · · · · · · · · · · · · · |              |                | _  |        |  |
|   | ZR         | <u> </u>  |                 |  |                                |                                       |              |                |  | _      |  |
| Examine   | F.7        | THERKORN  |                 |  |                                | Date Considered:                      | 112          | 07             |  |        |  |
| *EXAM   |            | tial if citation considere  | d, whether or r | not citation                                 | is in o                        | conformance with MPEP § 60            | 09. Dra      | w line through | citation if n                                    | ot     |  |
| fili coutor   | mance and  | not considered. Include   | copy of this to | orm with he                                  | EXT CO                         | mmunication to Applicant.             |              |                |  |        |  |

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   | Substitute for form 1449B/PTO     |                          | Complete if Known  |          |  |
|---|-----------------------------------|--------------------------|--------------------|----------|--|
|   |                                   | Application Number       | 10/661,086         |          |  |
|   | <b>INFORMATION DISCLOS</b>        | URE Filing Date          | 09/12/2003         |          |  |
|   | STATEMENT BY APPLIC               | ANT First Named Inventor | JORG THOMMES       |          |  |
|   |                                   | Art Unit                 | 1723               |          |  |
|   | (Use as many sheets as necessary) | Examiner Name            | Ernest G. THERKORN | THERKORN |  |
| _ | Sheet of                          | Attorney Docket Numi     |                    |          |  |

| NON PATENT LITERATURE DOCUMENTS  |              |   |                |  |  |  |
|--|--------------|---|----------------|--|--|--|
| Examiner<br>Initials*  | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |  |  |  |
| EGT  |              | G. ROSSITER, "Continuous processing using solid adsorbents, ," Trends in Downstream Processing for Biotechnology, Technologische Instituut in collaboration with the Dutch Biotechnology Association (NBV) (Lakeland Florida), p. 1-18, (1997).                 |                |  |  |  |
| E67  |              | MARC BISSCHOPS, PHD, "Industrial Scale Applications of Continuous Chromatography," presented at the Advanced Course in Downstream Processing, p. 1-13, (2001).  | 20110001000    |  |  |  |
| ana a an |              |   |                |  |  |  |
| MIO MIN 1000 000 0 000 100 000 1 00 100  |              |   |                |  |  |  |
|  |              |   |                |  |  |  |
|  |              |   |                |  |  |  |
|  |              | ,   |                |  |  |  |
| Mar 1 10 0 1000 1000 100 0 100 100 100 100   |              |   |                |  |  |  |
|  |              | •   |                |  |  |  |
| P4 P 20 P  |              |   |                |  |  |  |
|  |              |   | <u> </u>       |  |  |  |

| Examiner<br>Signature | E. THER KORN | Date<br>Considered | 1/12/07 |
|-----------------------|--------------|--------------------|---------|

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.